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	MATEN	DATENT ADDI ICATION PER DESCRIPTION DECCE								Application or Docket Number					
PATENT APPLICATION FEE DETERMINATION RECORD Effective November 10, 1998 09/330 0/												016			
CLAIMS AS FILED - PART I (Column 1) (Column 2)									SMA TYF		ENTITY	OF		ER THAIL ENTIT	
	FOR		NUMB	MBER FILED NUMBER EXT				7			FEE	٦	RATE		_
Ī	BASIC FEE									380.		٦,		760.0	
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<u> </u>	NDEPENDENT		3 minus 3 =						X39=				1	+	
H	MULTIPLE DEPENDENT CLAIM PRESENT								+130	_		OR		260	ー つ
*	* If the difference in column 1 is less than zero; enter "0" in column 2								TOTÁ	<u>i</u>		OR	TOTAL		_
	CLAIMS AS AMENDED - PART II												OTHE	Guão	5
_	(Column 1) (Column 2) (Column 3)							\mathcal{L}	SMAL	LΕ	NTITY	OR		ENTITY	,
AMENDMENT A	8/3/1999	REMA	NING TER DMENT		PR	HIGHEST NUMBER EVIOUSLY PAID FOR	PRESENT EXTRA		RATE		ADDI- TIONAL FEE		RATE	ADDI TIONA FEE	
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	1 1 10 1 1 1 120	LITTATIO	OF MIC	LIPLE DE	PEND	- CLAIM		T	+130=	1	 	OR	+260=	7	1
								<u>L</u>	TOTA				TOTAL	\	┨
_	·	(Colu			(Co	olumn 2)	(Column 3)	AL	DDIT. FE				ODIT. FEE		4
MENDMENT B	9/18/01	CLA REMA AFT AMENE	INING ER		PRE	IGHEST UMBER EVIOUSLY ND FOR	PRESENT EXTRA	1	RATE		ADDI- IONAL PEE		RATE	ADDI- TIONAI	
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	6/4/02	CLAII REMAII AFTE AMENDI	NING R		NU PRE	SHEST IMBER VIOUSLY ID FOR	PRESENT EXTRA	F	RATE	TI	DDI- DNAL EEE	ſ	RATE	ADDI- TIONAL	
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	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM								(39=	L		R	X78=		1
If the entry in column 1 is less than the entry in column 2, write "0" in column 3.															
TOTAL OR ADDIT FEE															
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	PA.	TENT APPLI	CATIO	N FEE DETE	RMINATIO	NC	RECORD			tion or Pockel N	umber
CLAIMS AS FILED - PART I (Column 1) (Column 2)								ENTITY	OR	OTHER THAN SMALL ENTITY	
				ER EXTRA		RATE	FEE		RATE	FEE	
BASIC FEE (37 CFR 1.16(a))						1		s	OR	7,5,11,6	s
	TAL CLAIMS CFR 1.16(c))		minus 2	0 - -		1	x \$ =		1	\	'
IND	EPENDENT CLA	IMS				1 1	<u>^3==-</u> -		OR	X S=	
(37	CFR 1.16(b)) '		minus	3 =		1	× \$=	<u> </u>	OR	x s=	
MU	LTIPLE DEPENDI	ENT CLAIM PRESE	NT ((37 CFR 1.16(d))			+\$=		OR	+ \$=	
• H	the difference in	column 1 is less th	an zero, e	nter "0" in column	2.		TOTAL		OR	TOTAL	
	С	LAIMS AS AM	IENDEC	– PART II	•						
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	 	(Column 1)		(Column 2)	(Column 3)		ŞMALLE	ENTITY	OR		ENTITY
⋞	12/8/12	CLAIMS REMAINING		HIGHEST NUMBER	PRESENT		RATE	ADDI-		RATE	ADDI-
Z	1 0 0	AFTER AMENDMENT		PREVIOUSLY, PAID FOR	EXTRA			FEE			TIONAL FEE
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AMENDMENT	Independent (37 CFR 1.16(b))	3	Minus	3			x \$ =				
AM	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))								OR	x s	
	- THOU THESEN	TATION OF MOCTIFE	EUEPENU	ENTICEAM (ST CF	K 1.10(d)j	! L	TOTAL =		OR	+s=	
							ADD'L FEE		OR	ADD'L FEE	
		(Column 1)									
æ	12/2/03	CLAIMS REMAINING	•	HIGHEST NUMBER	PRESENT		RATE	ADDI-		RATE	ADDI-
ENT	رمادلها	AFTER AMENDMENT	l	PREVIOUSLY PAID FOR	EXTRA			TIONAL FEE			TIONAL
OME	Total (37 CFR 1.16(c))	· q	Minus	<i>" 20</i>	"		x \$ =		OR	x \$ =	
N.	Independent (37 CFR 1.16(b))	. 3	Minus	··· 3	=		x \$=			xs =	· · · · · · · · · · · · · · · · · · ·
AMENDMENT		ATION OF MULTIPLE				OR					
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						V	ADD'L FEE		OR	ADD'L FEE	
		c (Column 1)		(Column 2)							
كمحز	,	CLAIMS REMAINING		HIGHEST NUMBER	PRESENT		RATE	ADDI-		RATE	ADDI-
Z		AFTER AMENDMENT		PREVIOUSLY PAID FOR	EXTRA		.	TIONAL FEE			TIONAL FEE
AMENDMENT	Total (37 CFR 1.16(c))	•	Minus	**	=		x \$=		<u></u>	x \$ =	
	Independent	•	Minus	***	5			·	OR		
ME	(37 CFR 1.16(b))						x \$=		OR	x s=	
٧	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+\$=		OR	+ \$ =	
				•			TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	- 00-
•	" If the "Highest I " If the "Highest I	olumn 1 is less tha Number Previously Iumber Previously Imber Previously	Paid For	IN THIS SPACE IN THIS SPACE I	is iess than 20, e s iess than 3, e	enter nter *	3°.	ha anarondat	s hav la ee	luma 1	

This collection of Information is required by 37 CFR 1.16. The information is required to obtain or retain a periodic which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Application of Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 330016 Effective October 1, 2003 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN SMALL ENTITY TYPE OR (Column 1) (Column 2) **TOTAL CLAIMS** FEE RATE RATE FEE BASIC FEE 385.00 BASIC FEE 770.00 FÒR NUMBER FILED NUMBER EXTRA OR TOTAL CHARGEABLE CLAIMS XS18= XS 9= minus 20= OR INDEPENDENT CLAIMS minus 3 =X43 =X86= OR MULTIPLE DEPENDENT CLAIM PRESENT +290= +145= OR * If the difference in column 1 is less than zero, enter "O" in column 2 TOTAL OR TOTAL OTHER THAN **CLAIMS AS AMENDED - PART II** SMALL ENTITY SMALL ENTITY OR (Column 2) (Column 3) (Column 1) CLAIMS -104651 ADDI-ADDI NUMBER REMAINING PRESENT 30/0L TIONAL RATE TIONAL RATE PREVIOUSLY AMENDMENT **EXTRA** AFTER FEE FEE AMENDMENT PAID FOR XS18= Minus XS 9= Total OR 86 Independent Minus X86= X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL TOTAL 86 OR ADDIT. FEE ADDIT FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-NUMBER PRESENT REMAINING RATE TIONAL TIONAL RATE **AFTER PREVIOUSLY** EXTRA AMENDMENT FEE FEE AMENDMENT PAID FOR XS18= Minus . XS 9= Total OR Independent Minus X86= X43 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL TOTAL OR ADDIT FEE ADDIT FEE (Column 3) (Column 1) (Column 2) HIGHEST ADDI-CUAIMS ADDI-REMAINING. NUMBER ENDMENT'C PRESENT RATE TIONAL TIONAL RATE **AFTER PREVIOUSLY** EXTRA "EEE FEE: AMENDMENT PAID FOR Total Minus^{*} X\$18= X\$ 9= QR Minus.. Independent **X86**= -X-3= OR.

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

OR-

<u>+</u>145=

..... TOTAL

ADDIT. FEE-

134

+290=

OR_ADDIT-FEE

[•] If the entry in column 1 is less than the entry in column 2, write '0' in column 3.

• If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 20, enter 20. "If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 3, enter "3."